

### ABSTRACT OF THE DISCLOSURE

To provide a display device and its driving method free from lack of writing time, which usually accompanies an increase in size of a display device and enhancement in definition. Therefore, there is provided a display device and a driving method in which  $x$  ( $x$  is a natural number equal to or larger than 4) data lines are placed in each column to simultaneously supply video signals to  $x$  pixels through the  $x$  data lines. The present invention makes it possible to supply video signals to  $x$  pixels simultaneously as opposed to conventional dot sequential driving where a signal is supplied to one pixel at a time. Furthermore, a display device of the present invention and its driving method make it possible to supply video signals to  $(x \times n)$  pixels at once as opposed to conventional linear sequential driving where only  $n$  pixels in the first to last (the last column is the  $n$ -th column) columns receive signals simultaneously. Thus the present invention can make the speed of writing video signals in pixels  $x$  times faster than prior art.